## WHAT IS CLAIMED IS:

1	<ol> <li>A color image forming apparatus, comprising:</li> </ol>	
2	a plurality of image carriers for at least one color;	
3	a plurality of developing devices, each developing a toner image o	nto
4	each image carrier;	
5	a plurality of charging devices, each charging the each image carrie	er;
6	a first power source, connected to the developing devices in comm	on;
7	a second power source, connected to the charging devices	in
8	common; and	
9	a controller, changing a process control of at least one of the charg	ing
10	devices and the developing devices in accordance with a color image form	ing
11	operation and a monochrome image forming operation.	
1	2. The color image forming apparatus as set forth in claim 1, wherein	the
2	first power source includes a variable voltage DC power source and a varia	ble
3	frequency AC power source.	
1	3. The color image forming apparatus as set forth in claim 1, wherein	the
2	second power source includes a variable voltage DC power source and	i a
3	variable voltage AC power source.	
1	4. The color image forming apparatus as set forth in claim 1, where	ein
2	each charging device includes either a roller charging mechanism or a bru	ısh
3	charging mechanism; and	

- wherein each developing device includes either a contact developing mechanism or a non-contact developing mechanism.
- 5. The color image forming apparatus as set forth in claim 1, wherein
   each charging device includes a roller charging mechanism; and
- wherein each developing device includes a contact developing mechanism.
- 1 6. The color image forming apparatus as set forth in claim 1, wherein each charging device includes a brush charging mechanism; and
- wherein each developing device includes a non-contact developing
   mechanism.
- 7. The color image forming apparatus as set forth in claim 1, wherein the process control includes at least one of a control of a charging bias voltage for applying the charging devices and a control of a developing bias voltage for applying the developing devices.
- 1 8. The color image forming apparatus as set forth in claim 7, wherein the 2 charging bias voltage includes either a DC voltage to be singly applied or an 3 alternating voltage superposed with the DC voltage.
- 9. The color image forming apparatus as set forth in claim 7, wherein the developing bias voltage includes either a DC voltage to be singly applied or an alternating voltage superposed with the DC voltage.

- 1 10. The color image forming apparatus as set forth in claim 7, wherein the controller changes the control of the charging bias voltage so as to set a voltage in the monochrome image forming operation higher than a voltage in the color image forming operation.
- 1 11. The color image forming apparatus as set forth in claim 7, wherein the controller changes the control of the developing bias voltage so as to set a frequency of an alternating voltage in the monochrome image forming operation higher than a frequency of an alternating voltage in the color monochrome image forming operation.